

ABSTRACT

The present invention discloses a system and a method of dynamic QoS negotiation in NGN. The Resource and Admission Control Subsystem (RACS) provides intercommunication interfaces with Transport functional (TF) entity, Service Control Functional (SCF) entities, and Network Attachment Subsystem (NASS), and thereby, when a user terminal in NGN is to develop a service with QoS requirement, the RACS can obtain the QoS requirement parameters of a service, determine the admission control decision parameters in accordance with the QoS requirement parameters, and the RACS send the determined admission control decision parameters to the TF entity for execution, such that the QoS assurance for the service is realized. The present invention allows an end-to-end QoS negotiation in NGN in accordance with the availability of current network resources, and thereby can effectively improve the transport resource utilities. Therefore, the present invention can effectively ensure QoS of service transported in NGN.

(Fig.5)